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DIVISION OF
OIL, GAS & MINING

Mr. Thomas J. Suchoski
Engineering Geologist
Division of Oil, Gas, & Mining
Dept. of Natural Resources
1588 West North Temple
Salt Lake City, Utah 84116

Ref: Pleasantview Mine ACT/057/003

Dear Mr. Suchoski;

We concur with, and accept the terms as outline in your memo dated August 22, 1980, same subject:

- (1) A Comparison Plot will be established at this site; it will be enclosed; and identified with an appropriate sign.
- (2) A test plot, 30' x 30' square, will be established at this site. It will be enclosed, and identified with an appropriate sign.

This plot will be divided into 3 equal parts. A low grass/high shrub mix will be seeded in one part; a high grass/low shrub mix will be seeded in another; and select native forbs plants in the other. The seed mixes are as shown on the attached packing slip. A high nitrogen-phosphorus fertilizer will be applied. Straw or "Hold-Gro" will be used as mulch.

- (3) While the use of test plots is commendable, it will take some time to determine species acceptability to each specific area. However, based on our experience with revegetation procedures in similiar conditions, very likely the following scheme will be implemented in the future at this site:
 - (a) Slopes will be reduced to 1:1 or less so they can be traversed with standard farm machinery. In this area we will be dealing with shallow top soil and shale and soil textured subsoils. These soils can be expected to have low available moisture capacity, compact easily, and have a tendency to crust over during long dry periods.
 - (b) Conventional farm machinery will be used to prepare the seed bed, to apply fertilizer, and drill in the seed mixture.

-Discs, harrows, and drags to be used in seed bed preparation. Grain drills for seeding in contour rows of about 6" spacing.

(c) We anticipate applying fertilizer with 30-40 lbs nitrogen and 15-20 lbs. phospahte per acres, broadcast.

(d) A successful seed mixture as follows is anticipated.

Western wheatgrass	6.0 lbs PLS/ac
Thickspike wheatgrass	6.0 "
Alkali sacaton	1.0 "
Blue Bunch Wheatgrass	6.0 "

Shrub seed which could be included are

Gardner Saltbush	1.0 lb. PLS/Ac
Winterfat	1.0 "

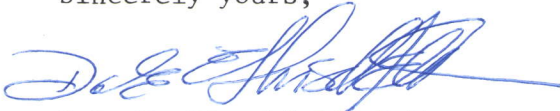
If plants are available, they could be substituted for seed.

(e) For mulch and erosion control, we plan to use "Hold-Gro". This protective cover is a flexible polypropylene mesh interwoven with degradable paper.

(f) Seeding will be done in the fall, normally in September and October.

Please let me know if you have any questions, or need for other data.

Sincerely yours,



Dale E. Hirschfeld, P.E.
Northwest Area Mining/Geologist

DEH/wb

CC: C. L. Patterson